# GOVERNMENT OF INDIA
# COAL
# LOK SABHA

UNSTARRED QUESTION NO:142
ANSWERED ON:02.02.2017
Production of Coal
Tripathi Shri Sharad

**Will the Minister of COAL be pleased to state:**

(a) the number of underground and open pit mines operating under Coal India Limited (CIL) along with the annual production of coal from such mines during each of the last three years and the current year, company and State-wise;
(b) whether the number of underground coal mines has been declining over the years;
(c) if so, the details thereof along with the reasons therefor;
(d) whether any blueprint has been prepared to increase the production of coal from underground mines; and
(e) if so, the details thereof?

## Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR COAL, POWER, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a): Company-wise working coal mines (underground and opencast and mixed) operated by Coal India Limited (CIL) during the last three years and current year (as on 1.4.2016) is given below.

Com. As on 01.04.2013 As on 01.04.2014 As on 01.04.2015 As on 01.04.2016
UG OC Mixed UG OC Mixed UG OC Mixed UG OC Mixed
ECL 87 17 1 80 19 5 75 20 9 60 18 8
BCCL 40 19 20 19 14 20 15 19 17 13 18 17
CCL 25 42 0 22 45 0 22 45 1 21 42 2
NCL 0 10 0 0 10 0 0 10 0 0 10 0
WCL 42 39 1 41 38 0 41 41 0 39 45 2
SECL 64 23 1 64 21 1 63 21 1 63 22 1
MCL 11 16 0 10 16 0 10 16 0 10 18 0
NEC 1 3 0 1 3 0 1 3 0 1 3 0
CIL 270 169 23 237 166 26 227 175 28 207 176 30

The Company and State-wise annual production of coal in opencast and underground mines during the last three years and the current years is given below:

(in million tonnes)
Comp. 2013-14 2014-15 2015-16 2016-17
upto DEC"16 (Prov.)
UG OC TOTAL UG OC TOTAL UG OC TOTAL UG OC TOTAL
ECL 6.871 29.183 36.054 7.292 32.716 40.008 7.329 32.880 40.209 5.771 22.8 28.571
BCCL 2.704 29.910 32.614 2.029 32.485 34.514 1.807 34.054 35.861 1.273 24.503 25.776
CCL 0.956 49.066 50.022 0.841 54.811 55.652 0.848 60.476 61.324 0.555 40.286 40.841
NCL 0.000 68.639 68.639 0.000 72.484 72.484 0.000 80.224 80.224 0 59.197 59.197
WCL 7.730 31.999 39.729 7.565 33.582 41.147 7.180 37.635 44.815 3.92 22.833 26.753
SECL 16.416 107.845 124.261 16.036 112.239 128.275 15.507 122.427 137.934 10.214 87.283 97.497
MCL 1.433 109.006 110.439 1.276 120.103 121.379 1.112 136.789 137.901 0.753 98.126 98.879
NEC 0.003 0.661 0.664 0.003 0.776 0.779 0.003 0.483 0.486 0.002 0.253 0.255
CIL 36.113 426.309 462.422 35.042 459.196 494.238 33.786 504.968 538.754 22.488 355.281 377.769

(in million tonnes)
State 2013-14 2014-15 2015-16 2016-17
upto DEC"16 (Prov.)
UG OC Total UG OC Total UG OC Total UG OC Total

W BENGAL 6.375 14.055 20.43 6.732 14.920 21.652 6.787 16.931 23.718 0.345 14.294 14.639
JHARKHAND 4.156 94.104 98.26 3.429 105.092 108.521 3.197 110.478 113.675 7.254 73.295 80.549
CHATTISGARH 9.038 101.105 110.143 8.504 106.688 115.192 8.165 116.041 124.206 5.106 84.404 89.51
ODISHA 1.433 109.006 110.439 1.276 120.103 121.379 1.112 136.789 137.901 0.753 98.126 98.879
M.P 11.981 61.609 73.59 12.240 64.163 76.403 11.738 76.154 87.892 7.774 51.685 59.459
MAHARASTRA 3.127 31.048 34.175 2.857 32.497 35.354 2.784 35.403 38.187 1.254 21.918 23.172
U.P 0.000 14.721 14.721 0.000 14.957 14.957 0.000 12.689 12.689 0 11.306 11.306
ASSAM 0.003 0.661 0.664 0.003 0.776 0.779 0.003 0.483 0.486 0.002 0.253 0.255
CIL 36.113 426.309 462.422 35.042 459.196 494.238 33.786 504.968 538.754 22.488 355.281 377.769

(b)&(c): Number of underground mines are decreasing due to conversion of underground mines to opencast mines by deploying high capacity Heavy Earth Moving Machineries (HEMM) equipment, exhaustion of reserve in existing mines, safety reasons and economic non-viability.
(d)&(e): To enhance underground coal production, an exercise has been carried out by CIL for achieving a coal production level of 52.00 MT from underground mines by 2019-20. The following steps have been taken by CIL to enhance underground production (i) Gradual conversion of manual underground mines into semi mechanized mines by using technology like Load Haul Dump (LHD) / Side Discharge Loader (SDL) with Universal Drilling Machine (UDM). (ii) Mass Production Technology i.e. use of Continuous Miner and Long Wall Technology where ever geo mining condition permits.
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